

INTERNATIONAL SEARCH REPORT

Internal ☐ Application No
PCT/BR 03/00092

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 F16F15/32

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 F16F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

WPI Data, PAJ, EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 1999, no. 14, 22 December 1999 (1999-12-22) & JP 11 257433 A (BRIDGESTONE CORP), 21 September 1999 (1999-09-21) abstract	1-13
X	FR 2 276 510 A (PRECISAVIA) 23 January 1976 (1976-01-23) page 10, line 11 - line 15	1,8,10, 12
A	US 5 733 016 A (BROWN TREVOR J) 31 March 1998 (1998-03-31) abstract; figures	5-7
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☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"&" document member of the same patent family

Date of the actual completion of the international search

29 September 2003

Date of mailing of the international search report

07/10/2003

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Pemberton, P

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	<p>PATENT ABSTRACTS OF JAPAN vol. 2000, no. 15, 6 April 2001 (2001-04-06) & JP 2000 346137 A (NISSAN MOTOR CO LTD), 12 December 2000 (2000-12-12) abstract</p> <p>-----</p>	

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Information on patent family members

Internat Application No
PCT/BR 03/00092

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 11257433	A	21-09-1999	NONE	
FR 2276510	A	23-01-1976	FR 2276510 A1	23-01-1976
US 5733016	A	31-03-1998	NONE	
JP 2000346137	A	12-12-2000	NONE	